WHAT IS CLAIMED IS:

1. A communication terminal device comprising:

a display unit for displaying two-dimensional picture;

a microlens unit including a pair of microlens arrays;

a panel unit for supporting the microlens unit and being movable between a first position at which the microlens unit confronts the display unit with a spacing substantially equal to a focal length of the microlens unit and a second position at which the microlens unit does not confront the display unit.

2. A communication terminal device according to claim 1, wherein the panel unit covers at least a part of an operation unit provided on the communication terminal device when the panel unit is at the first position.

3. A communication terminal device according to claim 2, wherein the panel unit is supported by the communication terminal device in such a manner that the panel unit can be opened and closed, and at least one of an operation unit and a microphone is arranged on an inner face of the communication terminal device.

4. A communication terminal device comprising:

a display unit for displaying two-dimensional picture;

a microlens unit including a pair of microlens arrays and positioned to confront the display unit;

a screen; and

a panel unit for supporting the screen and being movable between a first position at which the screen confronts a face

of the microlens unit at the opposite side of the display unit and a second position at which the screen does not confront the display unit.

5. A communication terminal device according to claim 4, wherein the panel unit covers at least a part of an operation unit provided on the communication terminal device when the panel unit is at the second position.

6. A communication terminal device comprising:

a display unit for displaying two-dimensional picture;

a microlens unit including a pair of microlens arrays and positioned to confront the display unit;

a drive unit for moving the microlens unit with respect to the display unit to establish a first state in which the microlens unit and the display unit are remote from each other by a focal length of the microlens unit and a second state in which microlens unit and the display unit are in close contact with each other.

7. A communication terminal device according to claim 6, further comprising a panel unit movable between a first position at which the panel unit covers at least a part of an operation unit provided on the communication terminal device and a second position at which the panel unit does not cover the operation unit, wherein the drive unit moves the microlens unit with respect to the display unit to change the microlens unit and the display unit from the first state to the second state according to a movement of the panel unit from the first position to the second

position.

8. A communication terminal device according to claim 6, further comprising a screen positioned in front of a face, opposite to the display unit, of the microlens unit in the first state with a spacing smaller than the focal length.

9. A communication terminal device comprising:

a display unit for displaying two-dimensional picture;

a microlens unit including a pair of microlens arrays;

a screen positioned to confront a face of the microlens unit at the opposite side of the display unit; and

a drive unit for moving the microlens unit with respect to the display unit to establish a first state, in which the microlens unit is remote from the display unit by a focal length of the microlens unit and an image forming plane of the microlens unit is positioned over the screen in the first position, and a second state, in which the microlens unit is positioned at a middle of the display unit and the screen.

10. A communication terminal device according to claim 9, further comprising a panel unit movable between a first position at which the panel unit covers at least a part of an operation unit provided on the communication terminal device and a second position at which the panel unit does not cover the operation unit, wherein the drive unit moves the microlens unit to be close to the display unit to change the microlens unit and the display unit from the first state to the second state according to a movement of the panel unit from the first position to the second

position.

11. A lens adapter comprising:

an attachment unit for detachably attaching the lens adapter to a communication terminal device having a display unit for displaying two-dimensional picture; and

a microlens unit including a pair of microlens arrays and positioned to confront the display unit with a spacing substantially equal to a focal length of the microlens unit when the lens adapter is attached to the communication terminal device.

12. A lens adapter according to claim 11, further comprising a panel unit for supporting the microlens unit and being movable between a first position at which the microlens unit confronts the display unit and a second position at which the microlens unit does not confront the display unit.